

**JOINT**  
**PUBLIC NOTICE**

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**

Columbia Field Office  
Strom Thurmond Federal Building  
1835 Assembly Street, Room 865 B-1  
Columbia, South Carolina 29201

and

**THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**

Office of Environmental Quality Control  
Water Quality Certification and Wetlands Programs Section  
2600 Bull Street  
Columbia, South Carolina 29201

REGULATORY DIVISION  
Refer to: P/N # 2005-2T-276

October 21, 2005

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), an application has been submitted to the Department of the Army and the South Carolina Department of Health and Environmental Control by

**South Carolina Department of Transportation**  
C/O Mr. Ronald Johnson  
Earth Tech Inc.  
701 Corporate Center Drive, Suite 475  
Raleigh, NC 27607

for a permit to place fill material in waters of the United States, including freshwater wetlands and unnamed tributaries of

**Little Horse Creek, Storm Branch and Pole Branch**

at several locations within a corridor from an area just north of US 1/US 78 (where Phase I of the Bobby Jones Expressway terminates) to a location to the north on I-20 for a distance of approximately 6.5 miles in Aiken County, South Carolina ( Latitude 33.485680°N , Longitude 81.933960°W).

In order to give all interested parties an opportunity to express their views

**NOTICE**

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

**12 O'CLOCK NOON, MONDAY, 21 NOVEMBER 2005**

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of placing approximately 262,700 cubic yards of fill material in 7.334 acres and to clear 2.151 acres of waters of the U.S., including wetlands and to place appropriately sized culverts (2167 linear feet total) in three separate streams (one intermittent and two perennial streams) for the construction of a new limited access highway known as the Palmetto Parkway Phase II.

October 21, 2005

The SC DOT has proposed mitigation that includes utilizing 2:1 embankment slopes and the implementation for best management practices during construction. For unavoidable wetland impacts, SC DOT is proposing to utilize two separate mitigation sites. The first site will include wetland enhancement, buffer, and preservation for an area known as Mathis Lake in the northern portion of this project. The Mathis Lake mitigation site will include enhancement activities (planting of cypress trees and re-establishment of native wetland vegetation), establishment of a 150-foot buffer around the existing wetland, and preservation of this site. The second site is known as the River North Aquifer Seepage Wetlands near the Savannah River in the southern portion of this project. SC DOT is proposing to preserve this tract (approximately 250 acres) which contains seasonally flooded bottomland forest, and a small upland ridge which separates this site from the Savannah River. For the unavoidable impacts to streams, SC DOT is proposing to protect a 1500 foot reach of Stream 5 upstream of the project with a conservation easement which will include a 100-foot buffer on each side of the stream. Also SC DOT will enhance a 450 foot reach of Stream 5 within the interchange area by using rock structures to maintain grade, form riffle and pools for aquatic habitat, expand the floodplain by removal of fill from the old Clearwater Road, and increase sinuosity in areas where the stream has been channelized or straightened.

**NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the**

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Columbia, South Carolina 29201**

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The District Engineer will not process this application to a conclusion until such certification is received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review. Persons wishing to comment or object to Water Quality Certification must submit all comments in writing to the S.C. Department of Health and Environmental Control at the above address within thirty (30) days of the date of this notice.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 7.334 acres of freshwater substrates inland of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

October 21, 2005

Pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended), the District Engineer has consulted the most recently available information and has determined that the project is not likely to adversely affect any Federally endangered, threatened, or proposed species or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

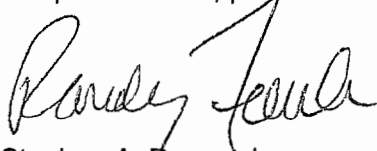
The District Engineer has consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. Consultation of the National Register constitutes the extent of cultural resource investigations by the District Engineer, and he is otherwise unaware of the presence of such resources. Presently unknown archaeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

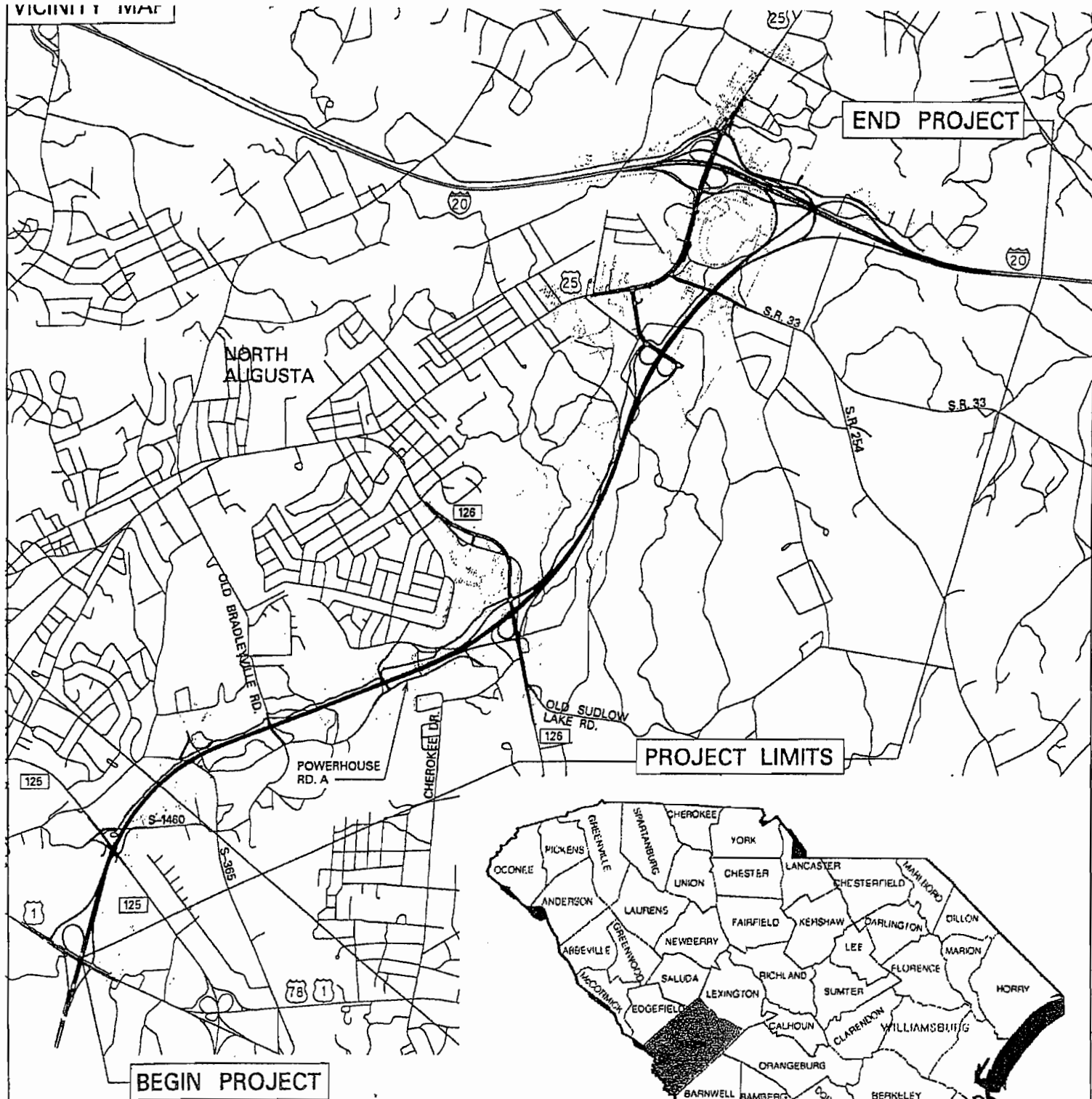
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

If there are any questions concerning this public notice, please contact me at 803-253-3445.

  
FOR Stephen A. Brumagin  
Project Manager  
Regulatory Division  
U.S. Army Corps of Engineers

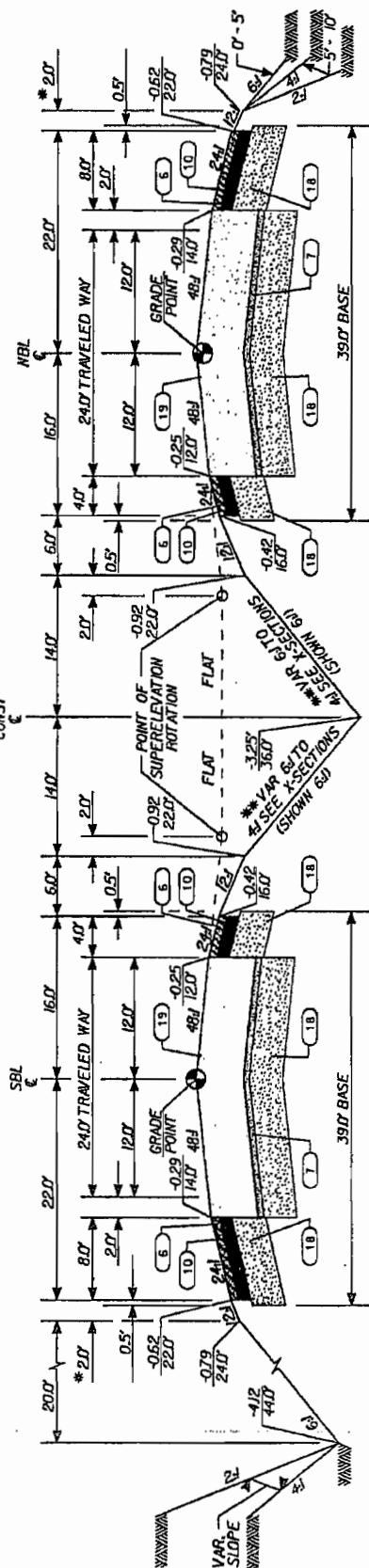


0' 2000' 4000' 8000'

SCALE

PIN 27912  
 PROP. I-520 PALMETTO PARKWAY  
 AIKEN COUNTY, S.C.  
 APPLICATION BY SCDOT  
 FEDERAL FUNDS TO BE USED  
 DATE: AUGUST 2005  
 SHEET 1 OF 17

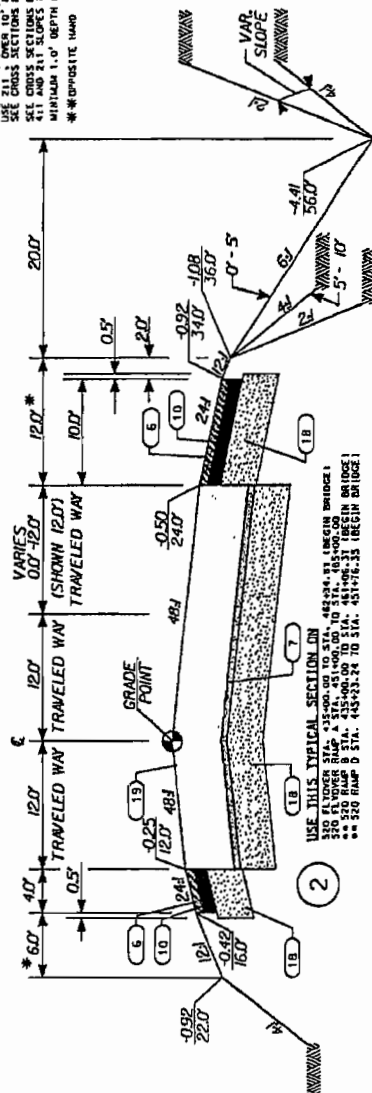
# PALMETTO PARKWAY I-520 CONST



USE THIS TYPICAL SECTION ON BOBBY JONES EXPRESSWAY (I-520)

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SEE PLANS FOR VERTICES AND LENGTHS OF  
ADDITIONAL LANE AND TAPER.  
USE 611 - 0'-5' FILL  
USE 611 - 0'-5' FILL  
SEE CROSS SECTIONS FOR EXCEPTIONS  
ALL CURBS SHALL BE 12" HIGH  
MINIMUM 1.0' DEPTH OF DITCH  
\*\* OPPOSITE HAND



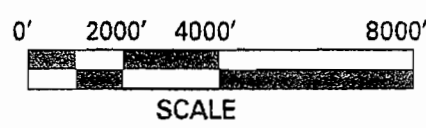
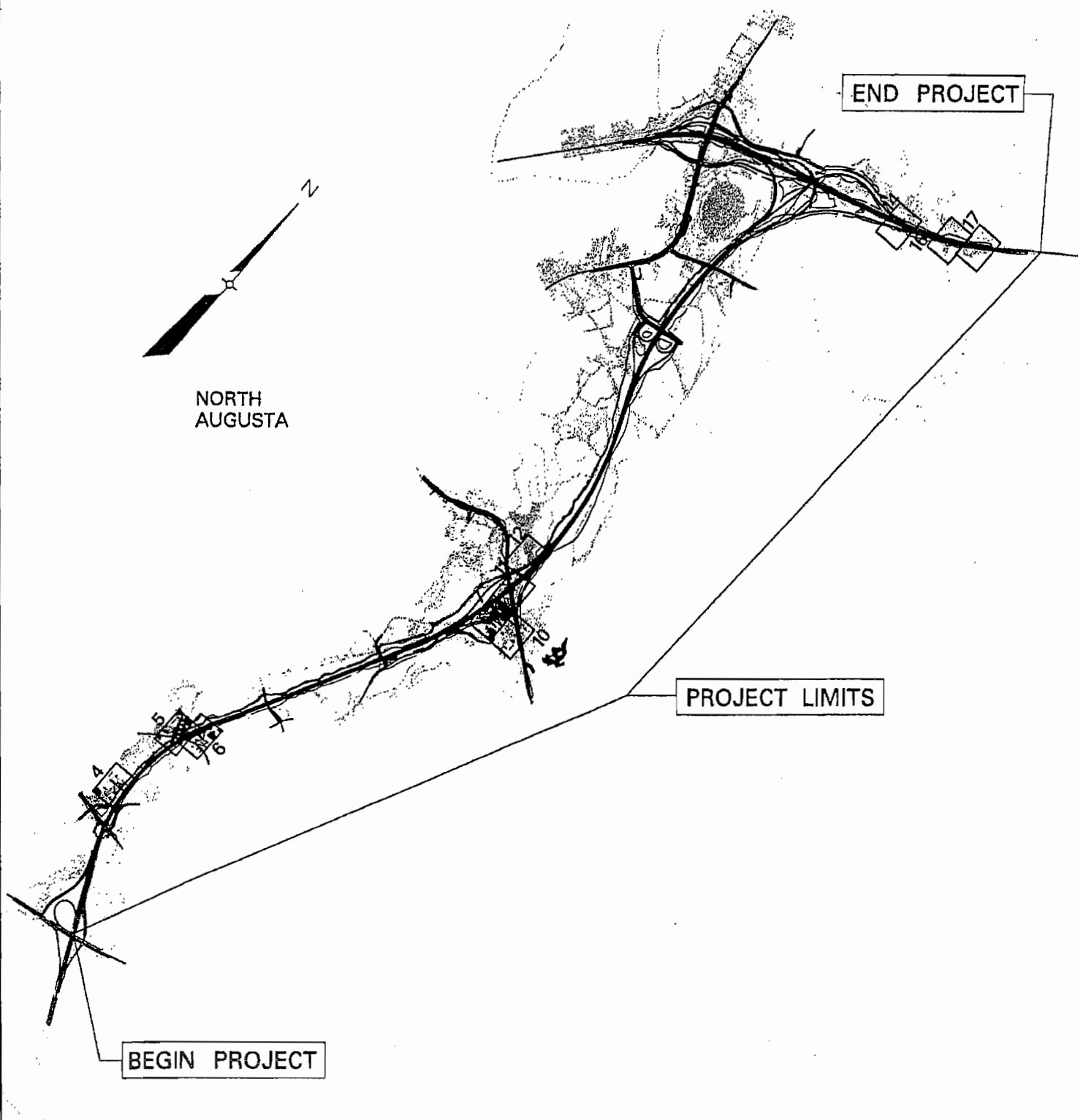
USE THIS TYPICAL SECTION ON  
330 ELEVATION STA. 435+00.00 TO STA. 442+00.00  
350 ELEVATION STA. 442+00.00 TO STA. 451+00.00  
350 TO 350+00.00 STA. 451+00.00 TO STA. 451+00.00  
350 TO 350+00.00 STA. 451+00.00 TO STA. 451+00.00

NOT TO SCALE

## LEGEND

1	OPEN GRADED SURFACE COURSE - 12.5mm - 1175 M/S.Y.
2	SUPERPAVE SURFACE COURSE - 12.5mm - 1175 M/S.Y.
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PIN 27912  
PROP. I-520 PALMETTO PARKWAY  
AIKEN COUNTY, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: AUGUST 2005  
SHEET 2 OF 17



PIN 27912  
PROP. I-520 PALMETTO PARKWAY  
AIKEN COUNTY, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: AUGUST 2005  
SHEET 3 OF 17



(12)  
N/F  
HUGH WALKER

WETLAND 1  
0.051 ACRES FILLED  
0.276 ACRES CLEARED

N/F  
BETTY JEAN STEPHENS

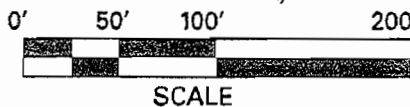
N/F  
BETTY JEAN STEPHENS

(7)  
N/F  
MARY COOK ESTATE

TRANSITION NEW R/W  
NEW 195' R/W  
MULTI-USE PATH 1  
195  
190

LEGEND

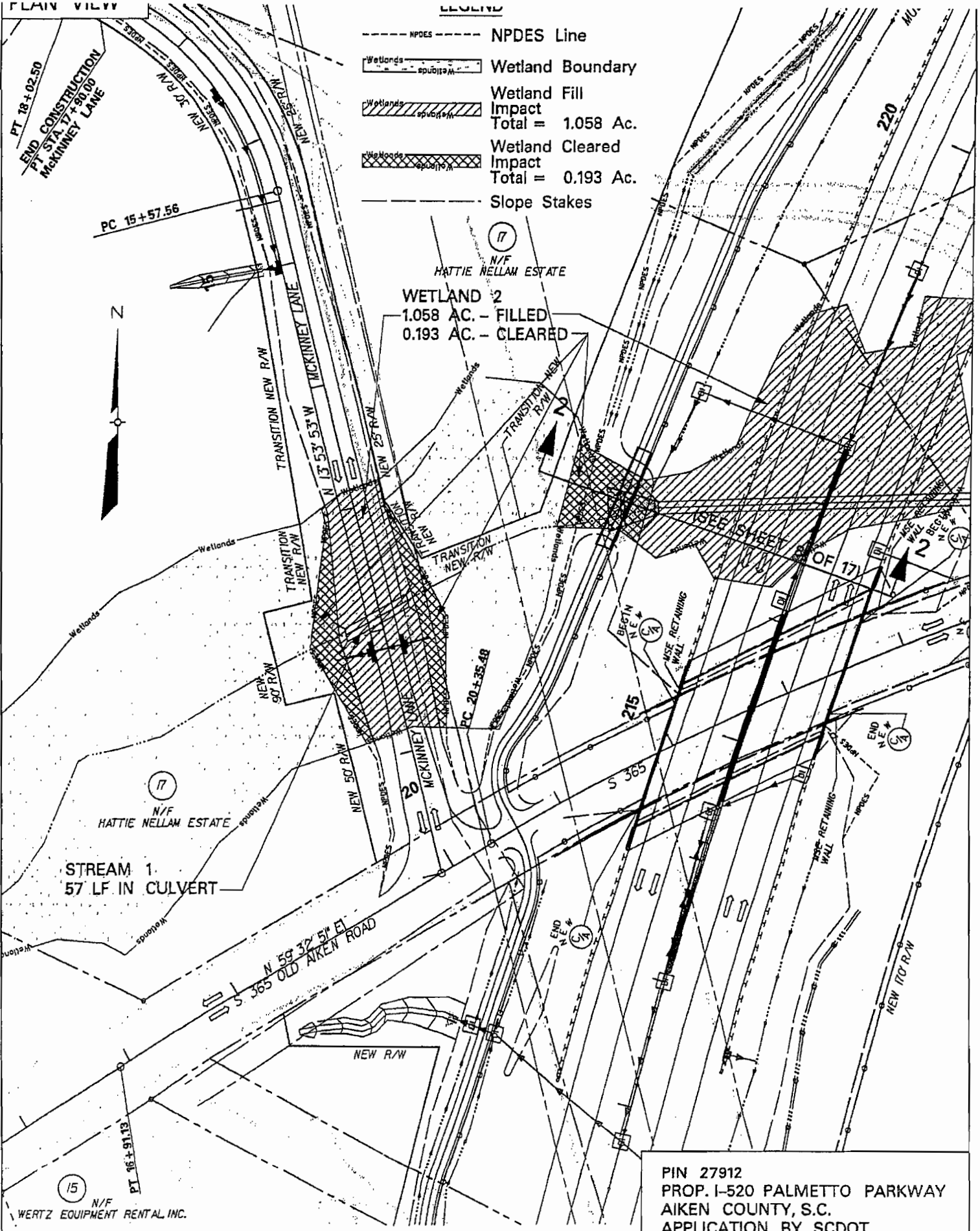
- NPDES Line
- Wetlands Wetland Boundary
- Wetlands Wetland Fill Impact  
Total = 0.051 Ac.
- Wetlands Wetland Cleared Impact  
Total = 0.276 Ac.
- Slope Stakes



PIN 27912  
PROP. I-520 PALMETTO PARKWAY  
AIKEN COUNTY, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: AUGUST 2005  
SHEET 4 OF 17

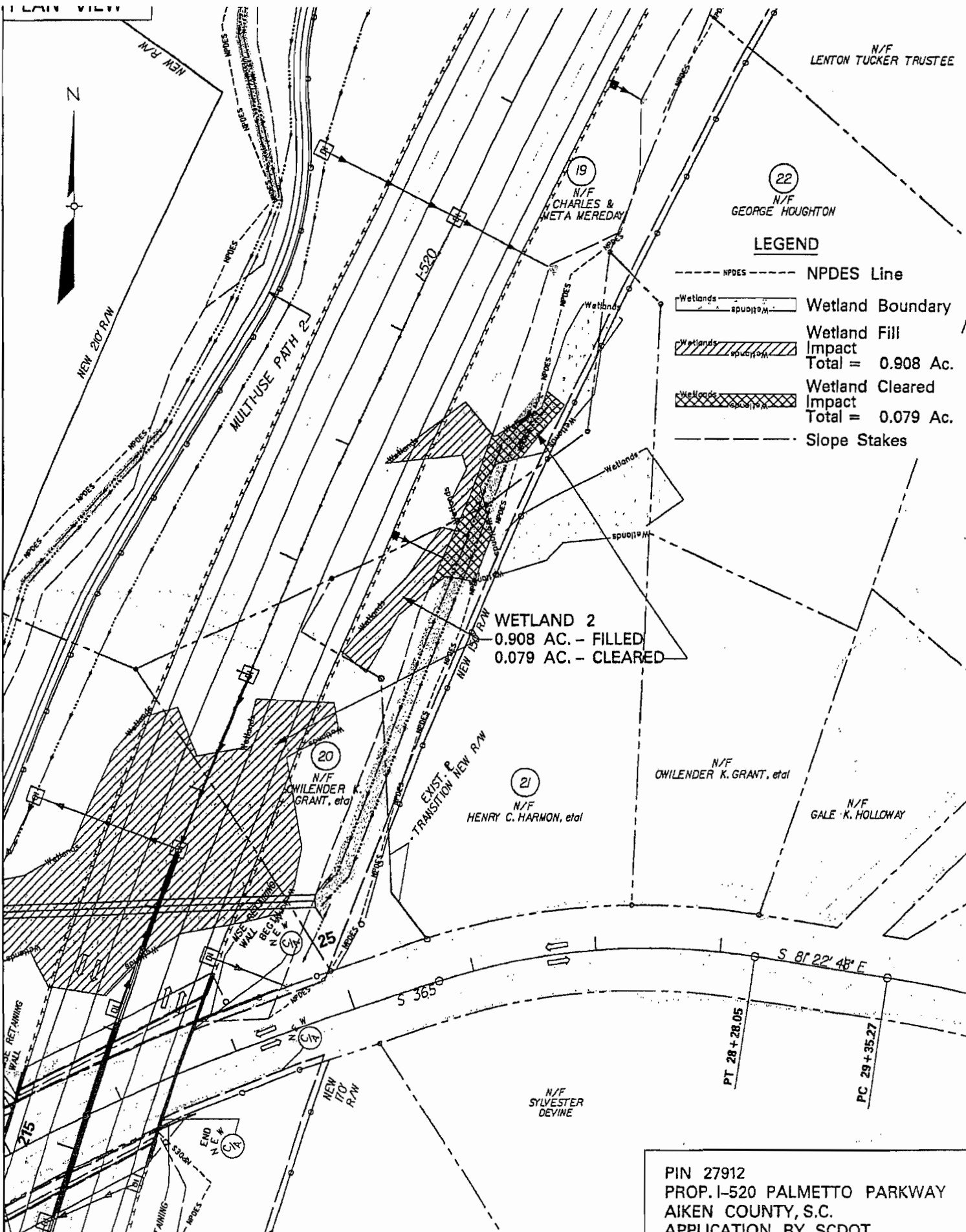


- NPDES Line
- Wetland Boundary
- Wetland Fill Impact  
Total = 1.058 Ac.
- Wetland Cleared Impact  
Total = 0.193 Ac.
- Slope Stakes



PIN 27912  
 PROP. I-520 PALMETTO PARKWAY  
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 SHEET 5 OF 17



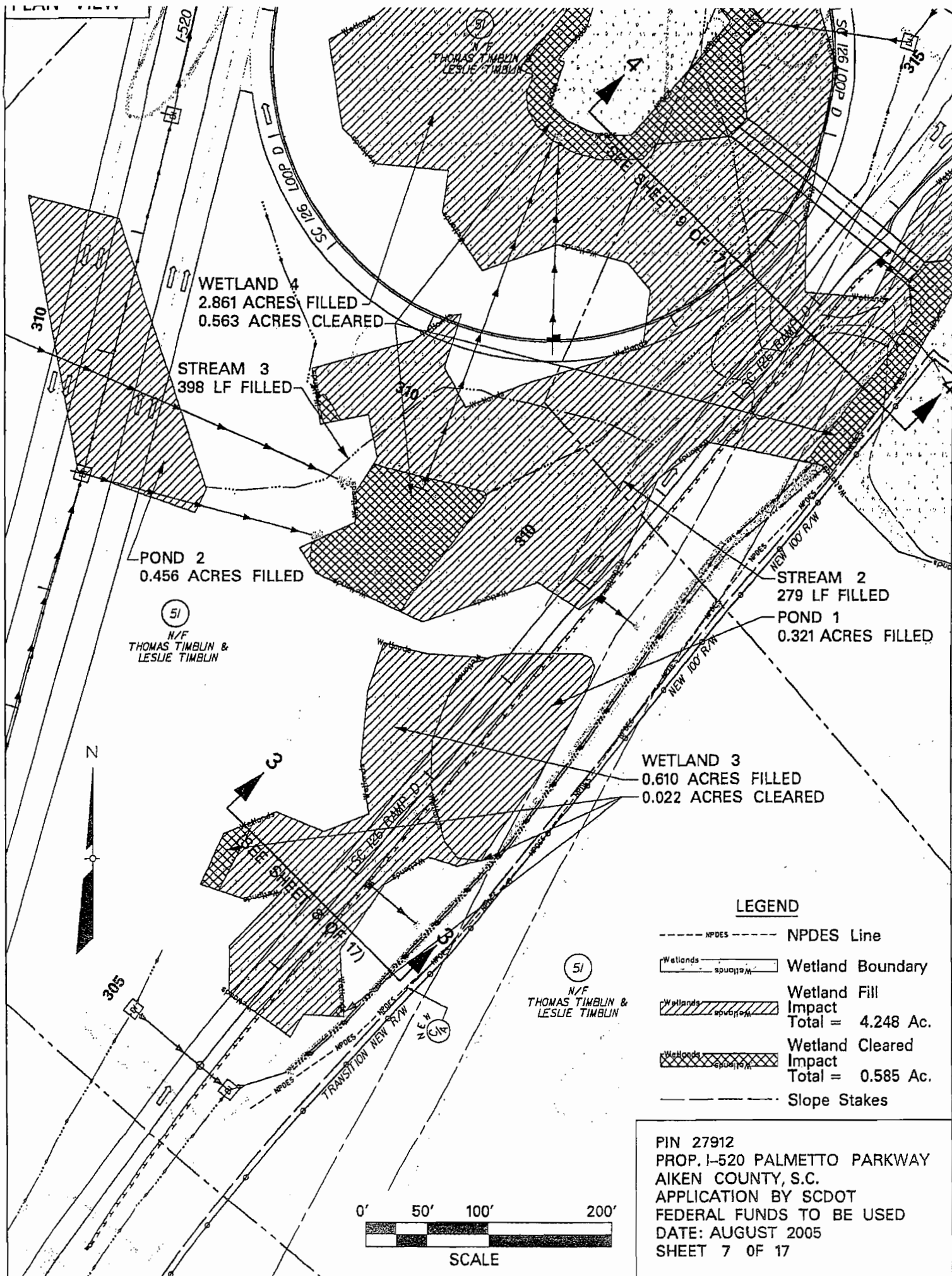


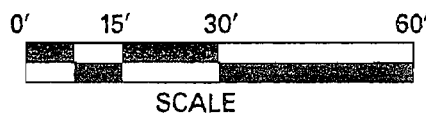
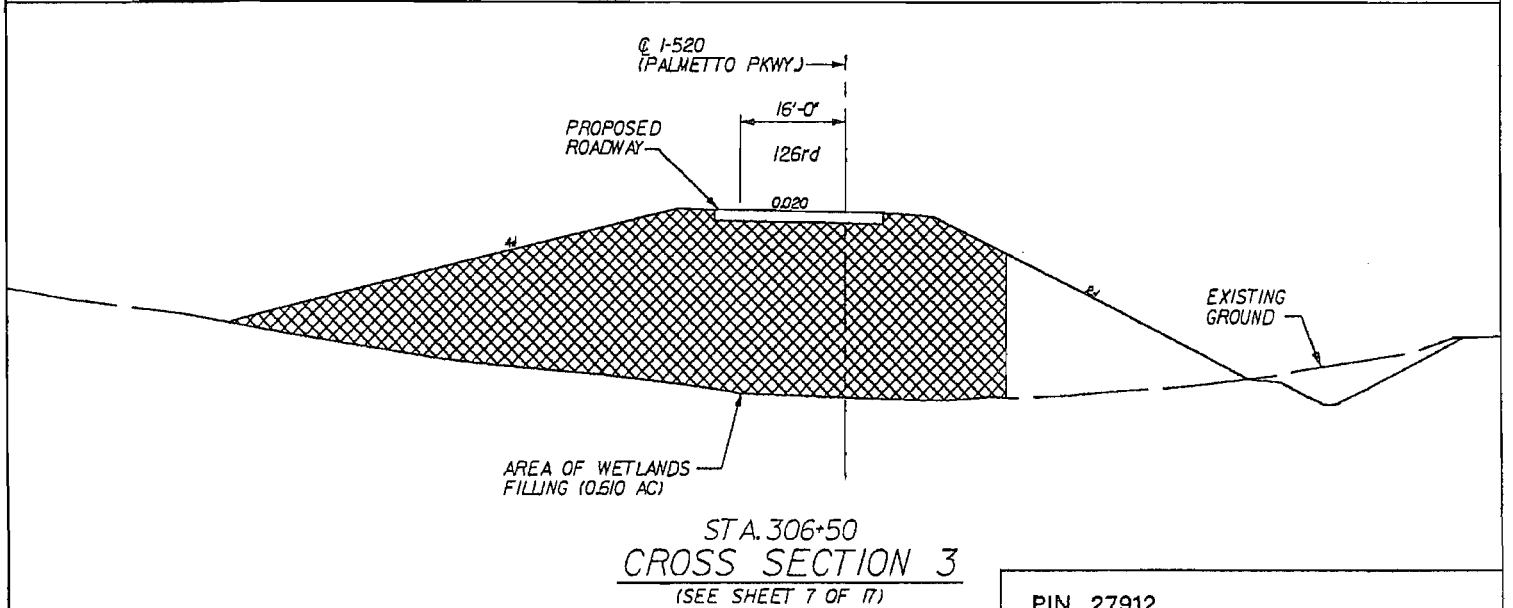
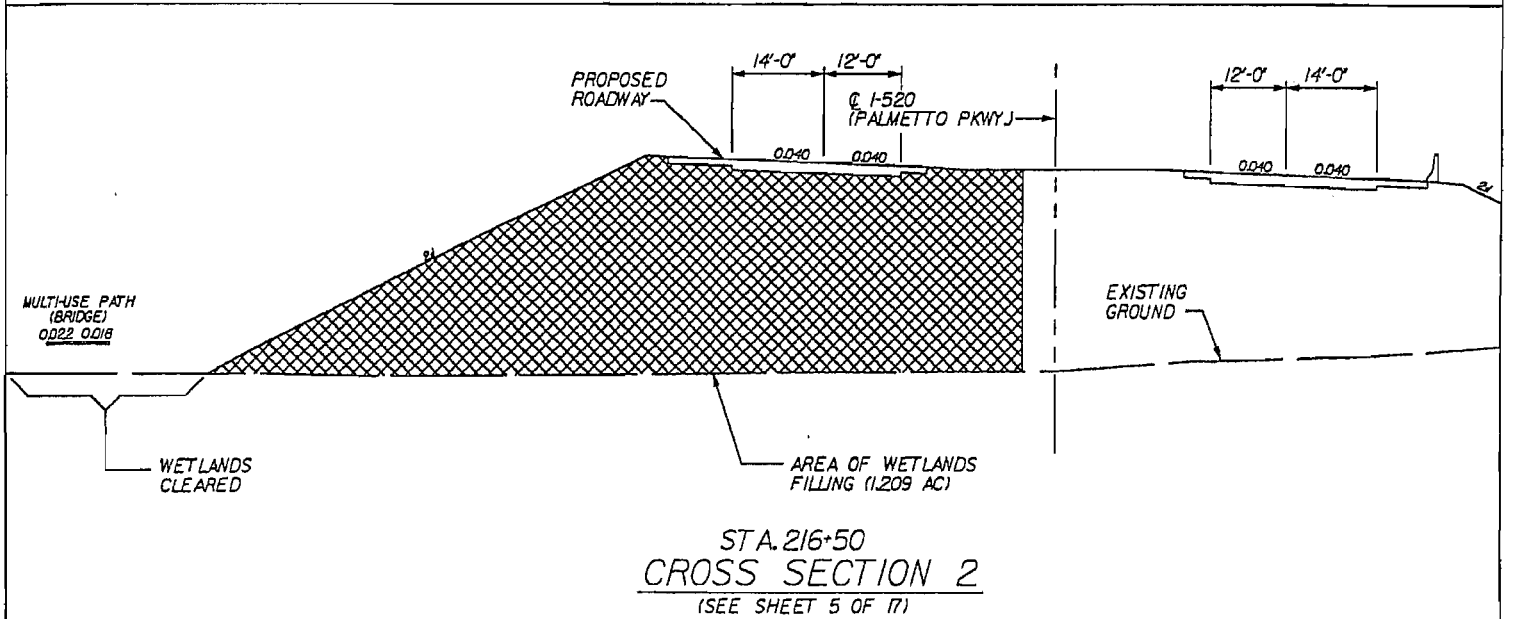
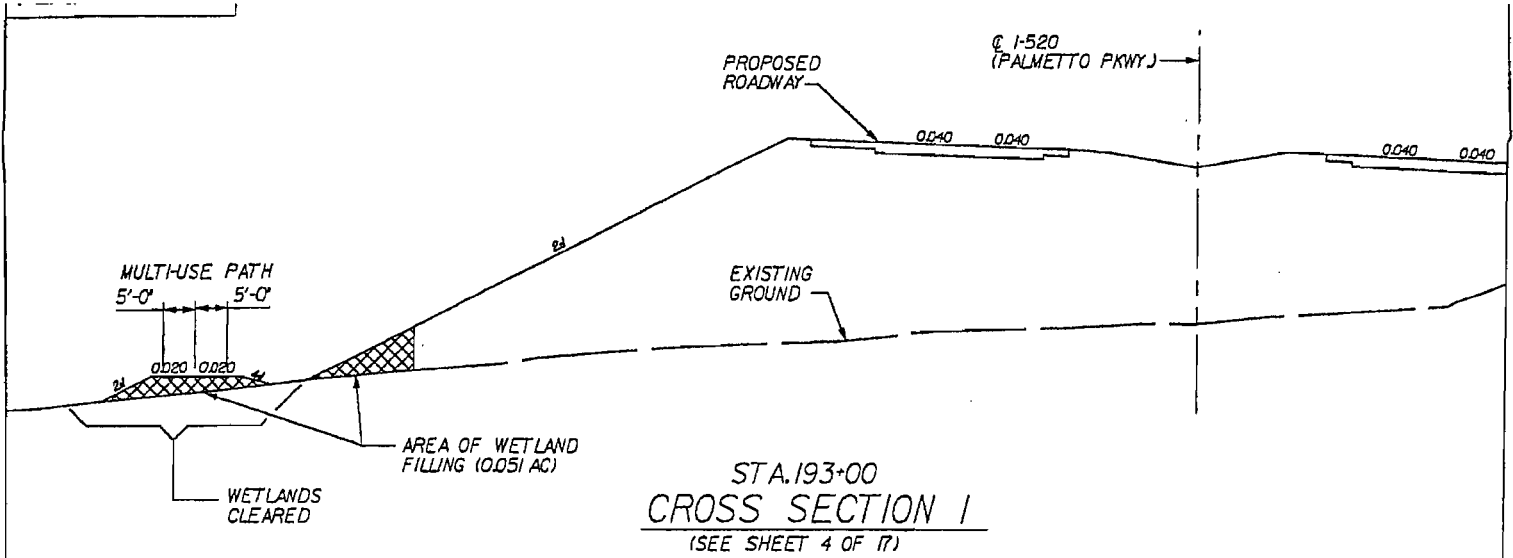
**LEGEND**

- NPDES Line
- Wetland Boundary
- Wetland Fill Impact Total = 0.908 Ac.
- Wetland Cleared Impact Total = 0.079 Ac.
- Slope Stakes

**WETLAND 2**  
0.908 AC. - FILLED  
0.079 AC. - CLEARED

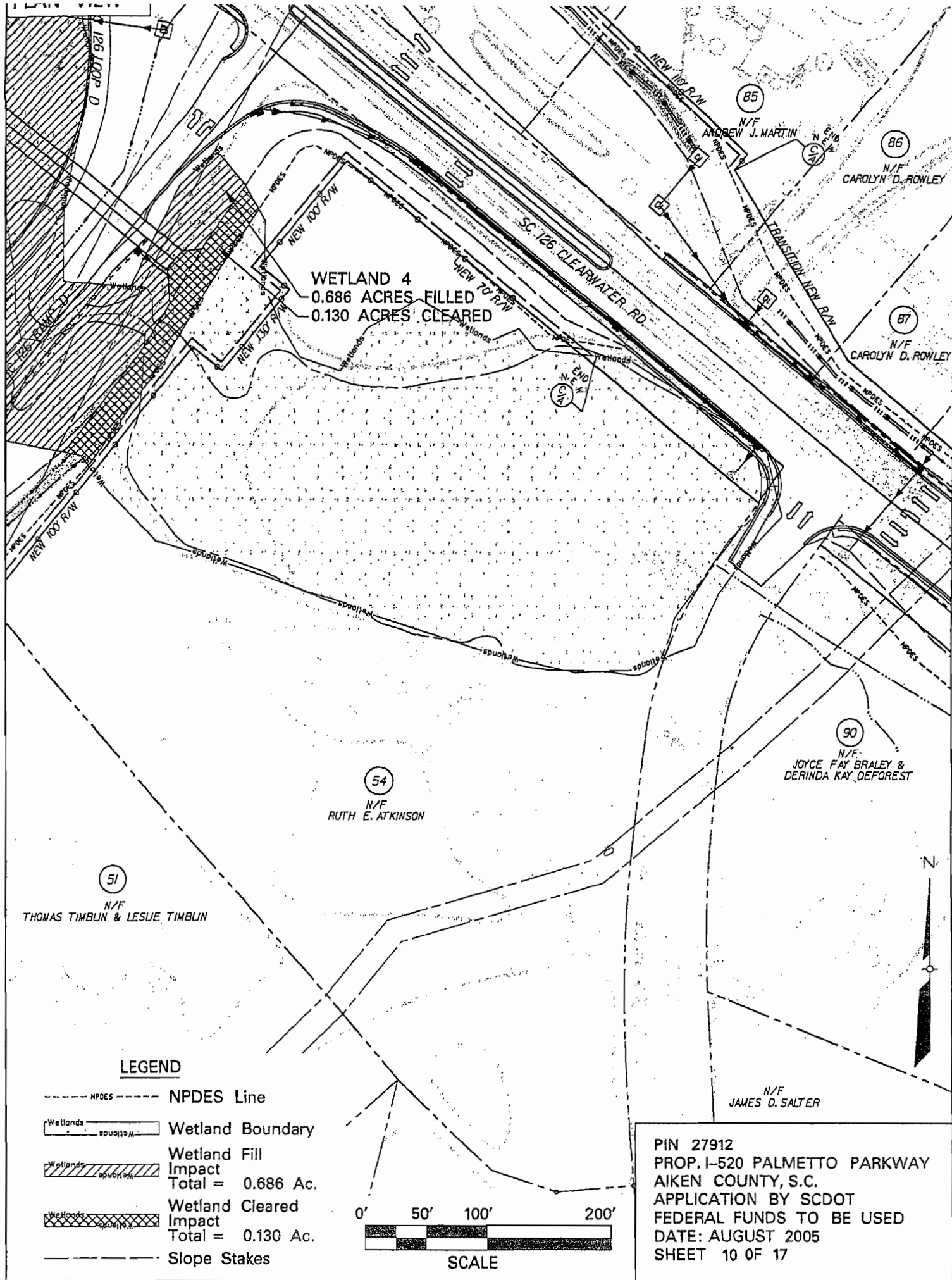
PIN 27912  
PROP. I-520 PALMETTO PARKWAY  
AIKEN COUNTY, S.C.  
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DATE: AUGUST 2005  
SHEET 6 OF 17





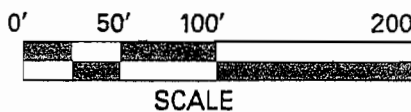
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PROP. I-520 PALMETTO PARKWAY  
AIKEN COUNTY, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: AUGUST 2005  
SHEET 8 OF 17





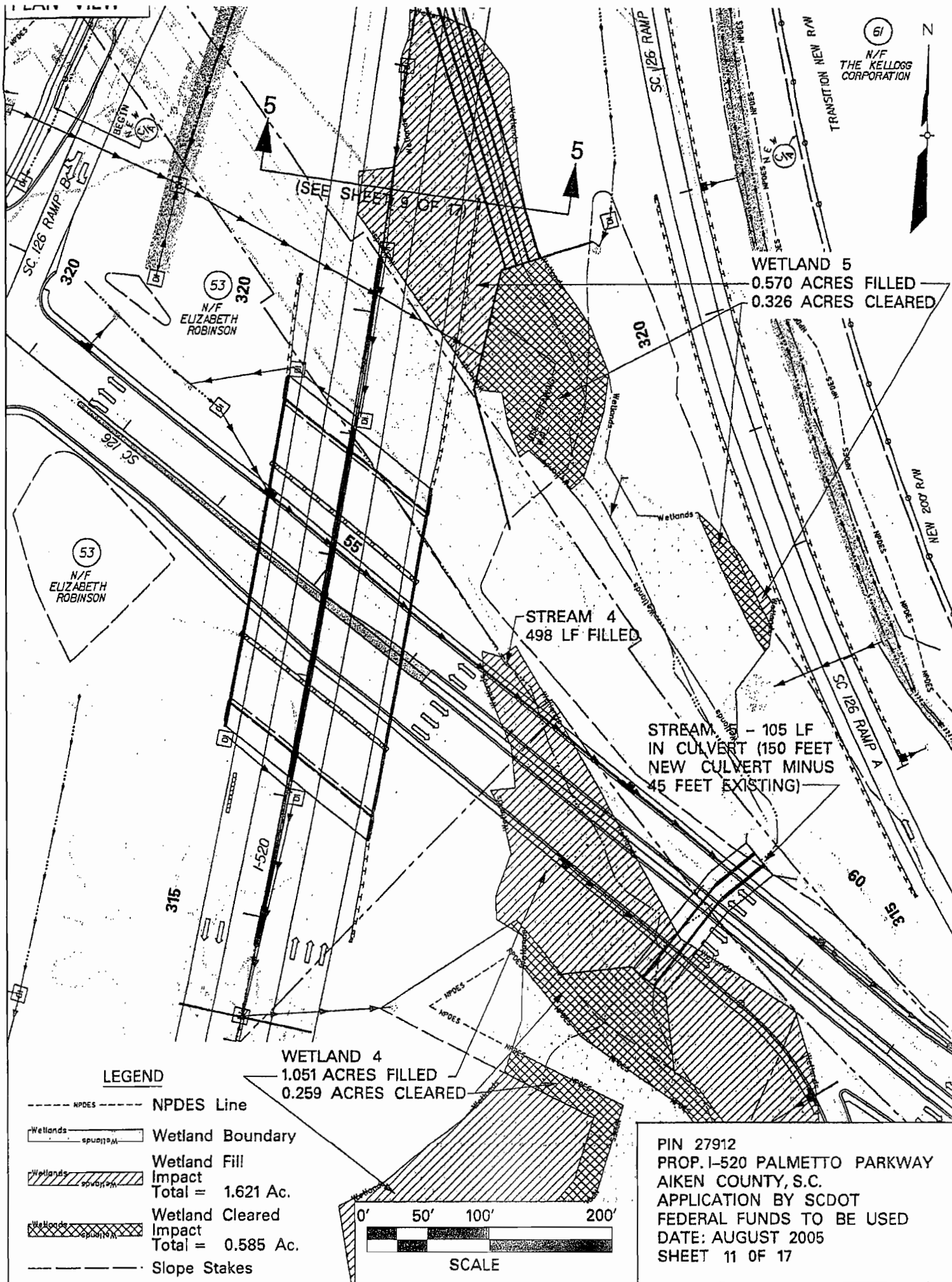
**LEGEND**

- NPDES ----- NPDES Line
- Wetlands Wetland Boundary
- Wetlands Wetland Fill
- Wetlands Wetland Impact  
Total = 0.686 Ac.
- Wetlands Wetland Cleared  
Impact  
Total = 0.130 Ac.
- Slope Stakes



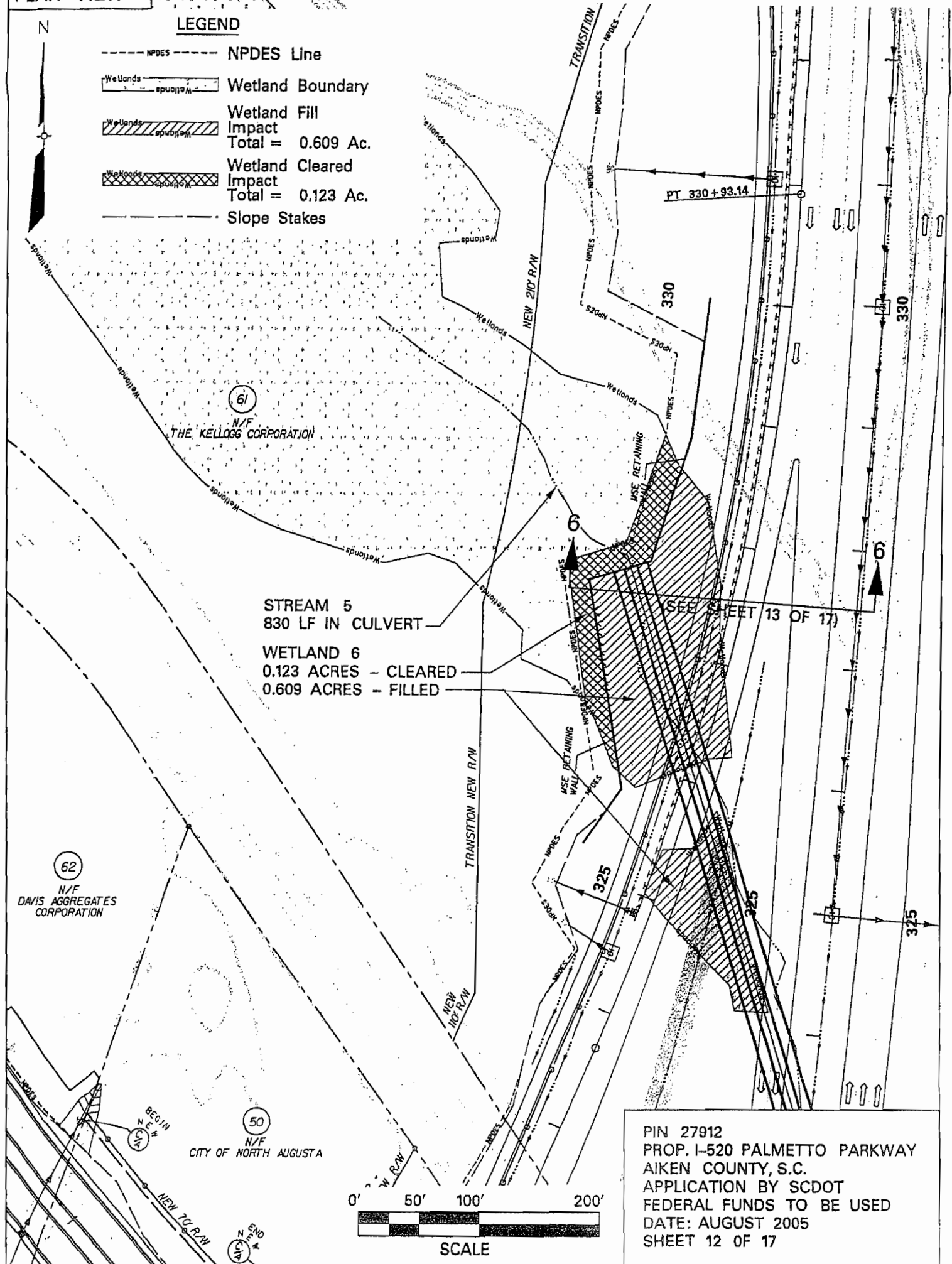
PIN 27912  
PROP. I-520 PALMETTO PARKWAY  
AIKEN COUNTY, S.C.  
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FEDERAL FUNDS TO BE USED  
DATE: AUGUST 2005  
SHEET 10 OF 17





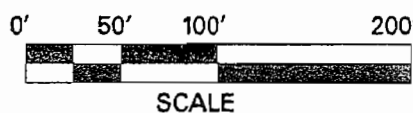
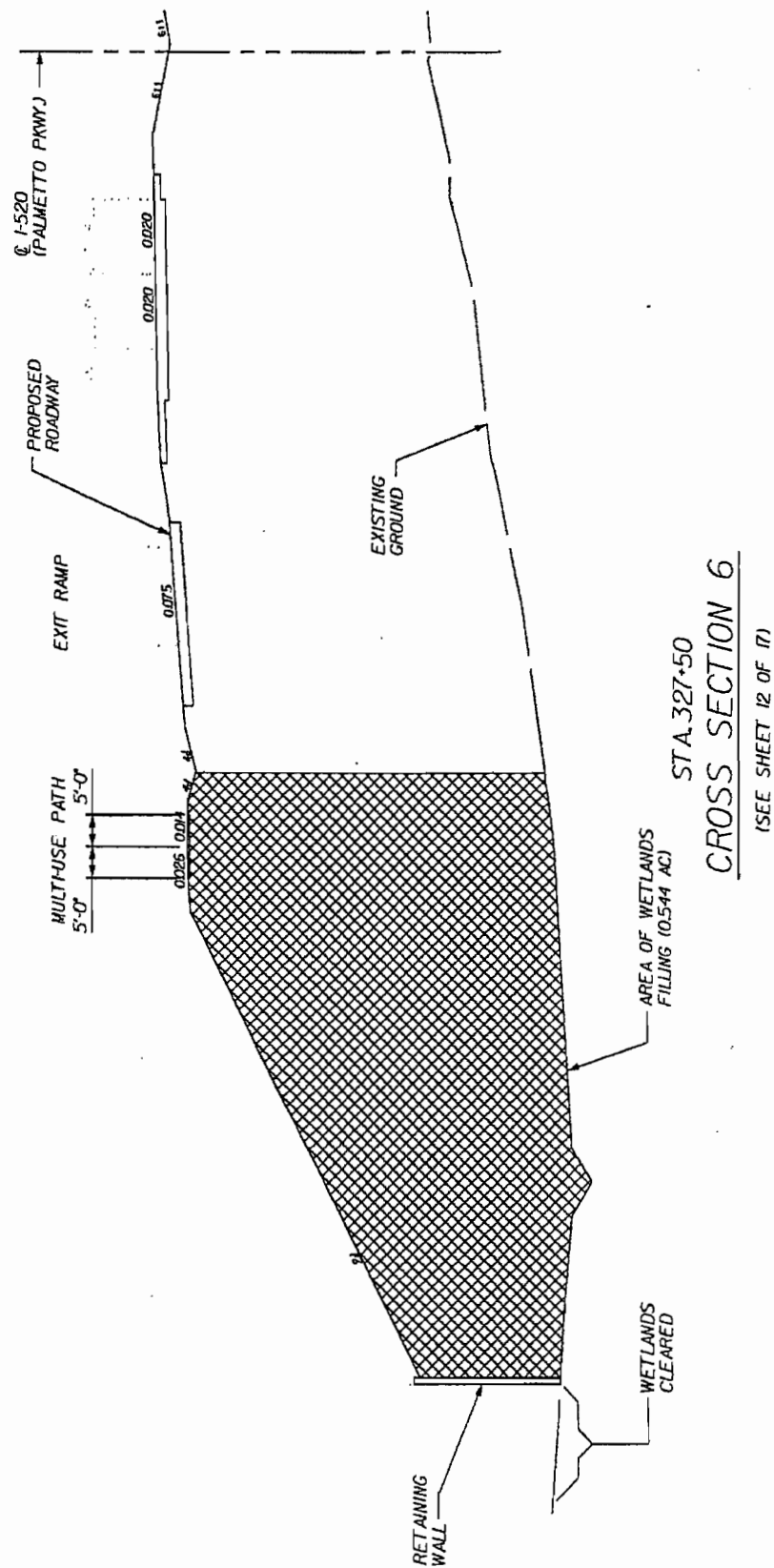
## LEGEND

- NPDES Line
- Wetland Boundary
- Wetland Fill Impact  
Total = 0.609 Ac.
- Wetland Cleared Impact  
Total = 0.123 Ac.
- Slope Stakes



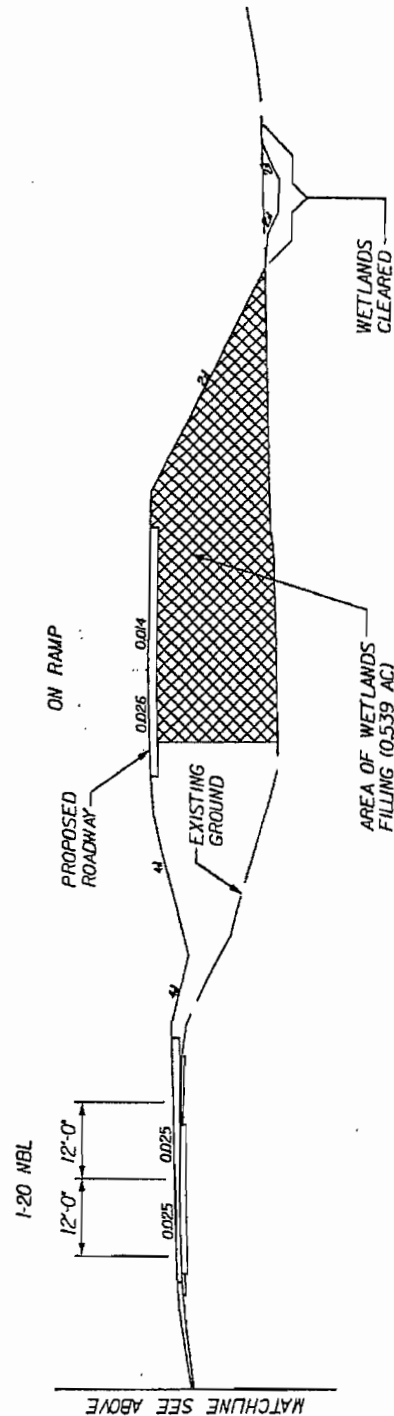
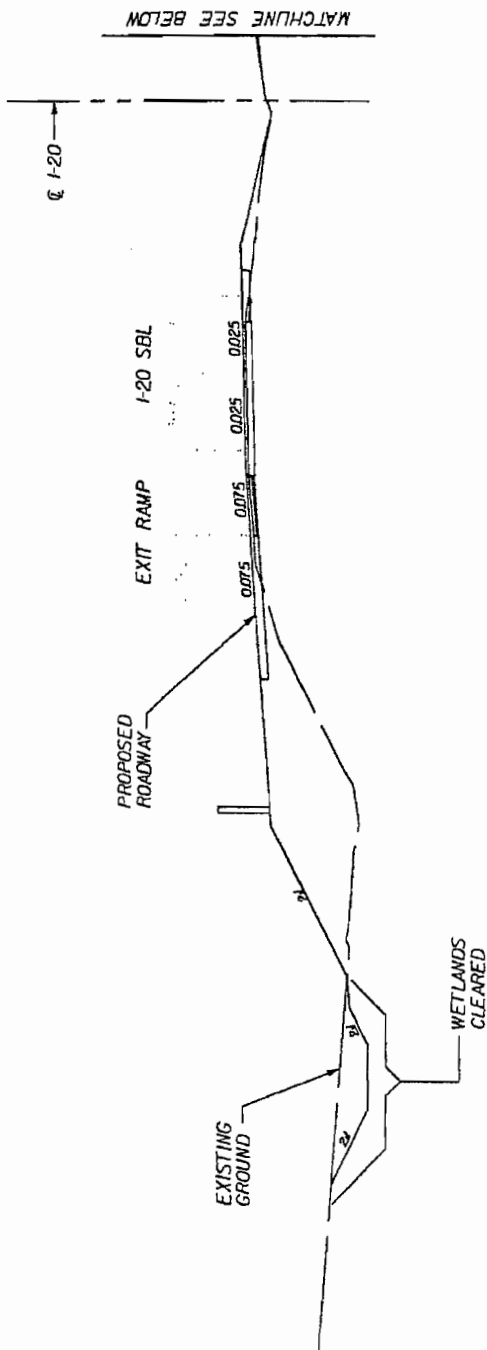
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 DATE: AUGUST 2005  
 SHEET 12 OF 17



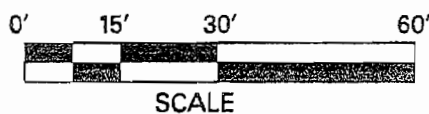


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 SHEET 13 OF 17





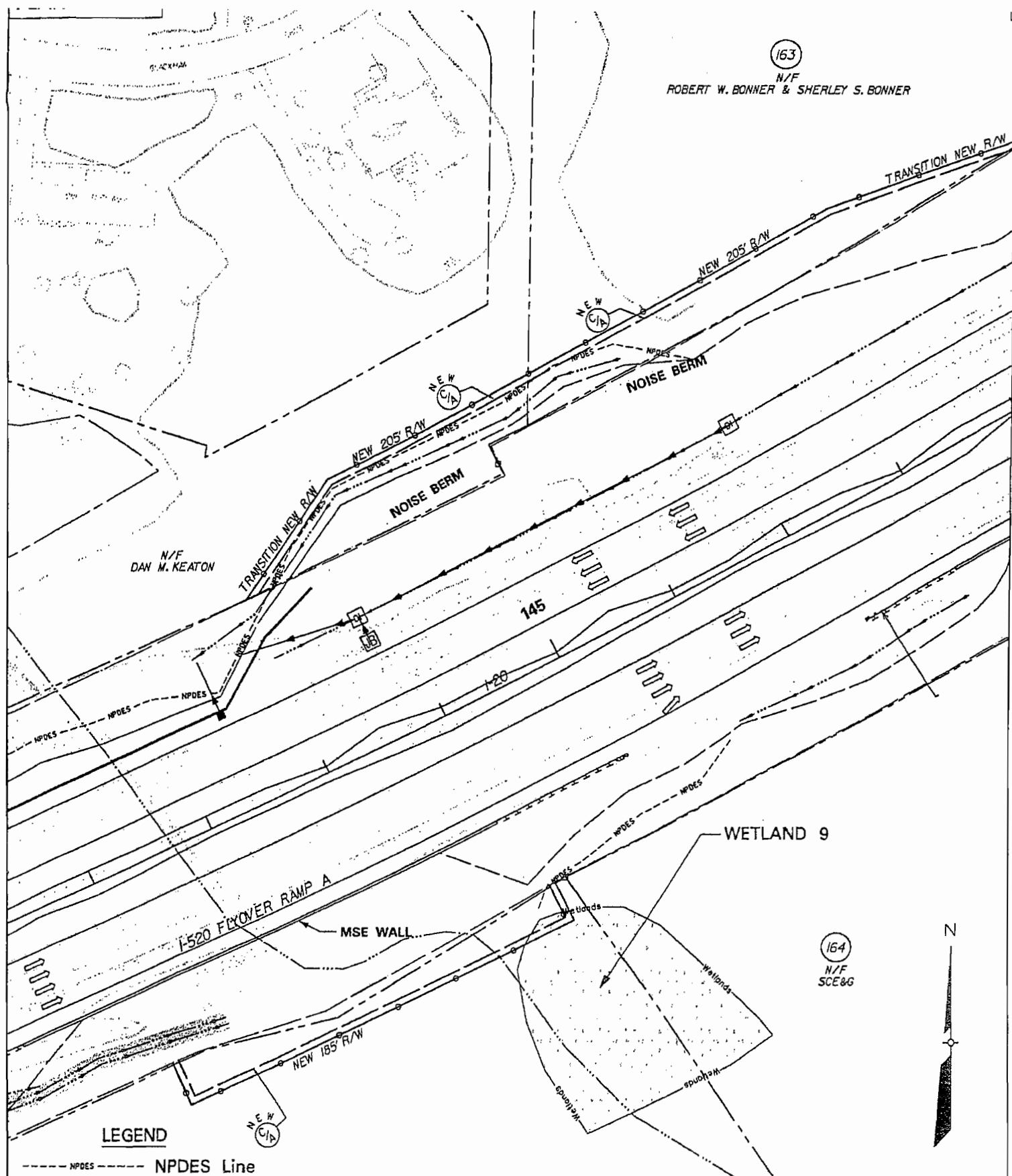
STA. 130+90  
CROSS SECTION 7  
(SEE SHEET 14 OF 17)



PIN 27912  
PROP. I-520 PALMETTO PARKWAY  
AIKEN COUNTY, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: AUGUST 2005  
SHEET 15 OF 17

163

N/F  
ROBERT W. BONNER & SHERLEY S. BONNER



LEGEND

- NPDES Line
- Wetlands Wetland Boundary
- Wetlands Wetland Fill Impact  
Total = 0.000 Ac.
- Wetlands Wetland Cleared Impact  
Total = 0.000 Ac.
- Slope Stakes

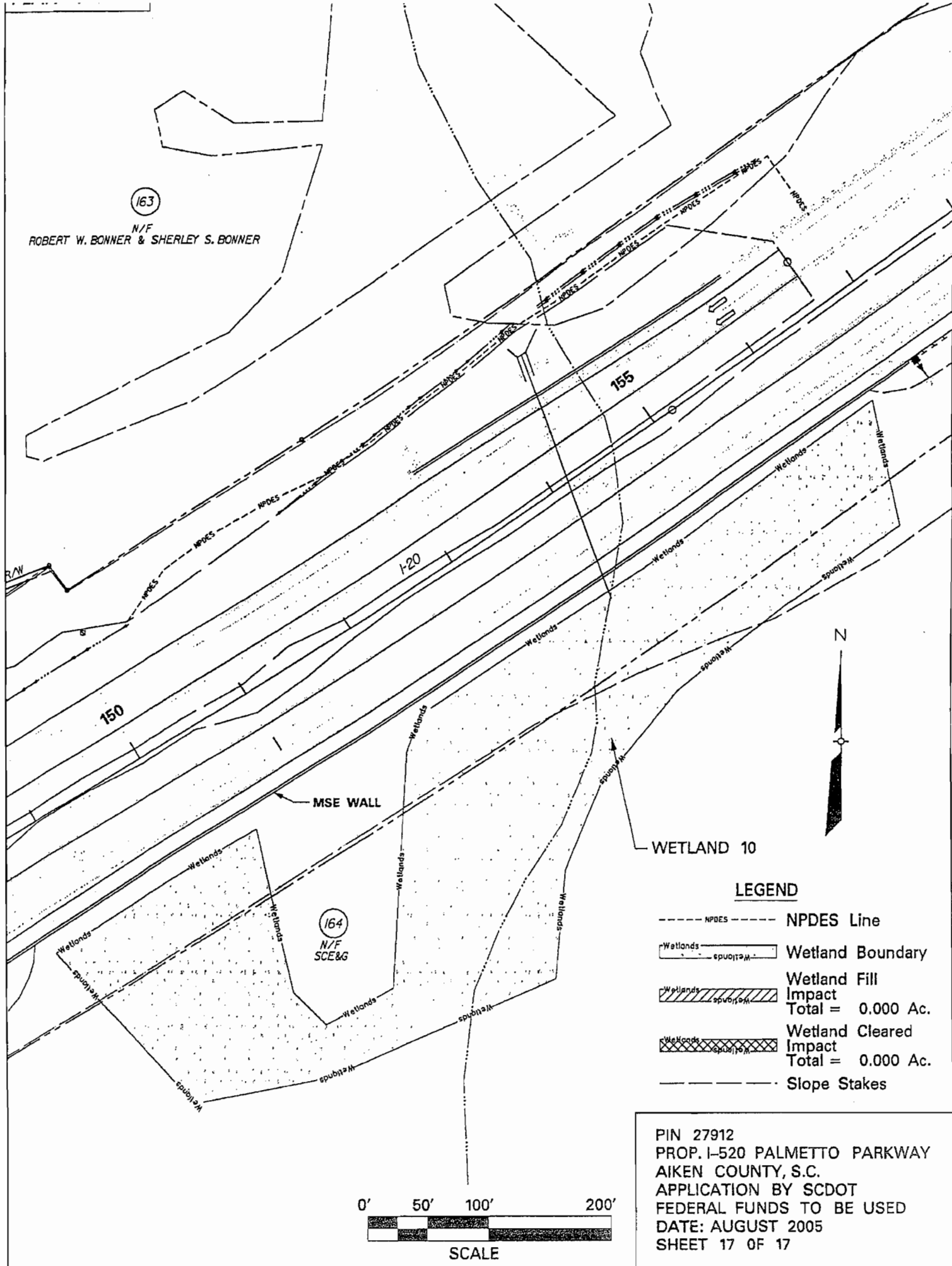


164  
N/F  
SCE&G

PIN 27912  
PROP. I-520 PALMETTO PARKWAY  
AIKEN COUNTY, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: AUGUST 2005  
SHEET 16 OF 17

163

N/F  
ROBERT W. BONNER & SHERLEY S. BONNER



**LEGEND**

- NPDES Line
- Wetland Boundary
- Wetland Fill Impact  
Total = 0.000 Ac.
- Wetland Cleared Impact  
Total = 0.000 Ac.
- Slope Stakes

PIN 27912  
PROP. I-520 PALMETTO PARKWAY  
AIKEN COUNTY, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: AUGUST 2005  
SHEET 17 OF 17

0' 50' 100' 200'  
SCALE